

FIG. 1

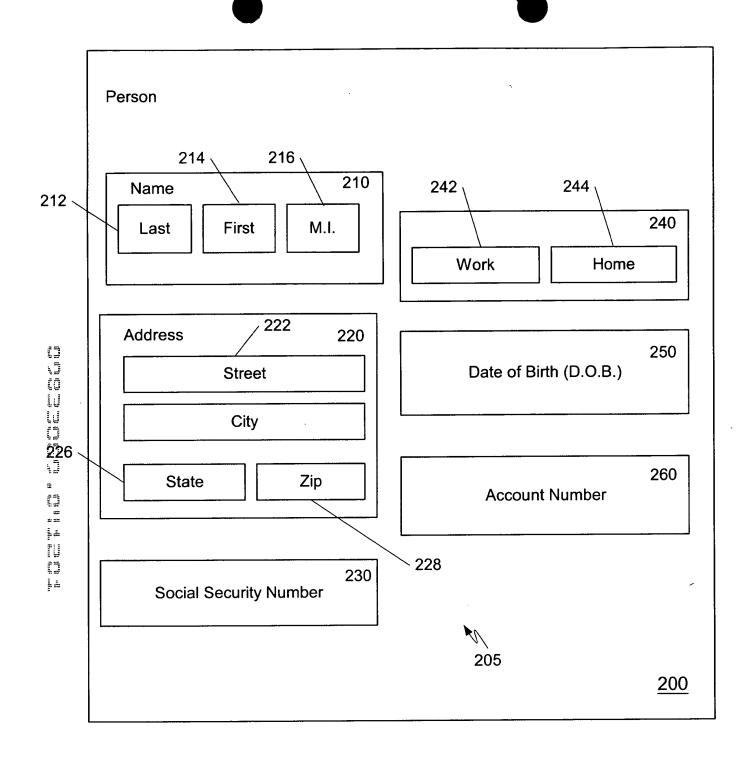


FIG. 2

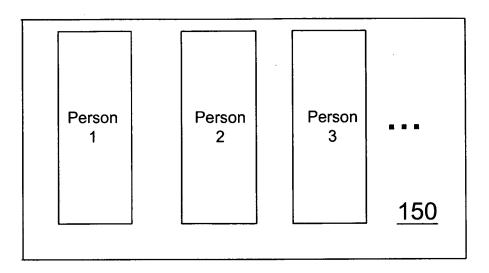


FIG. 3A

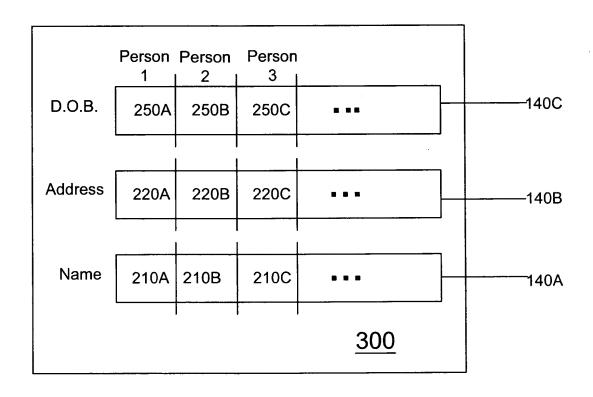


FIG. 3B



SHAPES		
1	STARS	
2	HORSESHOES	
3	DIAMONDS	
4	HEARTS	
5	CLOVERS	
	420	

FIG. 4A

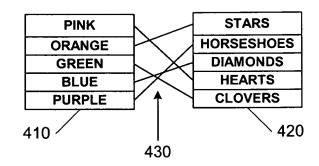


FIG. 4B



that has the same than state that that

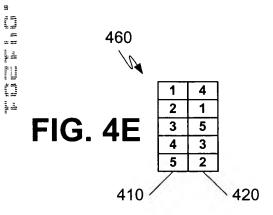
410	420
PURPLE	HORSESHOES
BLUE	DIAMONDS
GREEN	CLOVERS
ORANGE	STARS
PINK	HEARTS

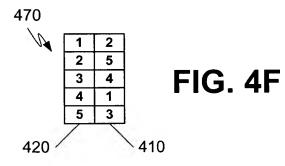
FIG. 4C

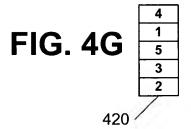


STARS	ORANGE
HORSESHOES	PURPLE
DIAMONDS	BLUE
HEARTS	PINK
CLOVERS	GREEN
420	410

FIG. 4D







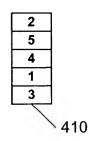


FIG. 4H

FIG. 5

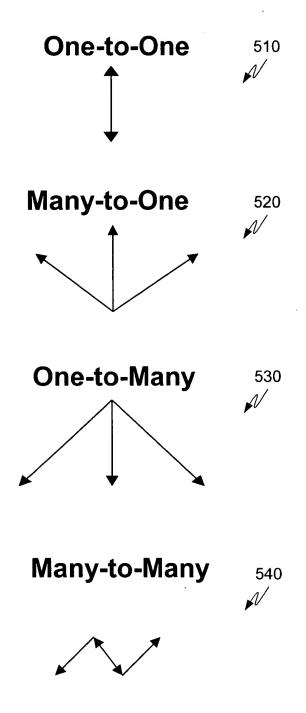


FIG. 6

MMX Files

-17		•		Æ	т
	w		w	4	

MMR

One to	Many
12	4
0 24	151
0 24	201
	-
43	212
* 57	3
* 57	36
* 57	200
* 57	213
119	91
	-
-	
	-
610	

Many	to One
3	57 *
4	12
-	_
36	57 *
-	
91	119
151	24 0
	24 U !
	 57 *
200	_
201	24 o
212	43 57 *
213	5/ ^
-	-

FIG. 7

MMX Files

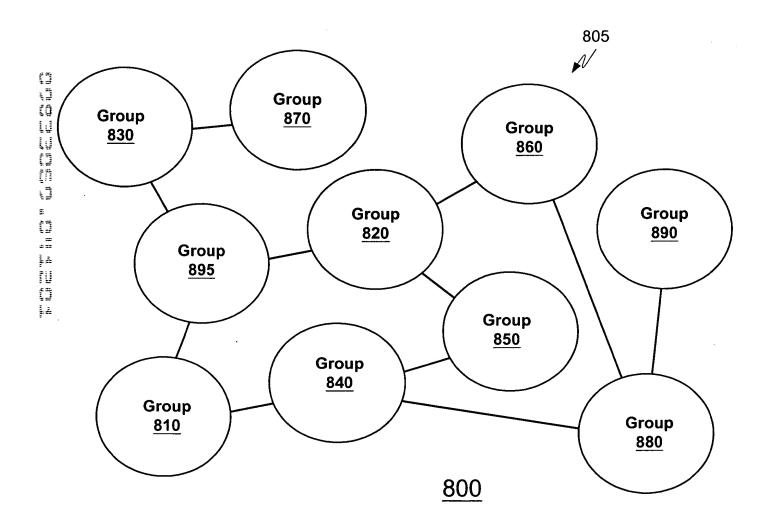
M	M	

Ma	my to	Many'
* *	 7 8 8 8	256 38 + 21 312
	19 35 36	317 38 + 70
0 0	58 112 112 113	38 + 71 38 + 316

MMR

Ma	ny'	to Mar	ıy
	21	8	*
+	38	8	*
+	38	35	
+	38	58	
+	38	112	0
	70	36	
	71	112	0
	256	7	
	312	8	*
	316	113	
	317	19	
		720	

FIG. 8



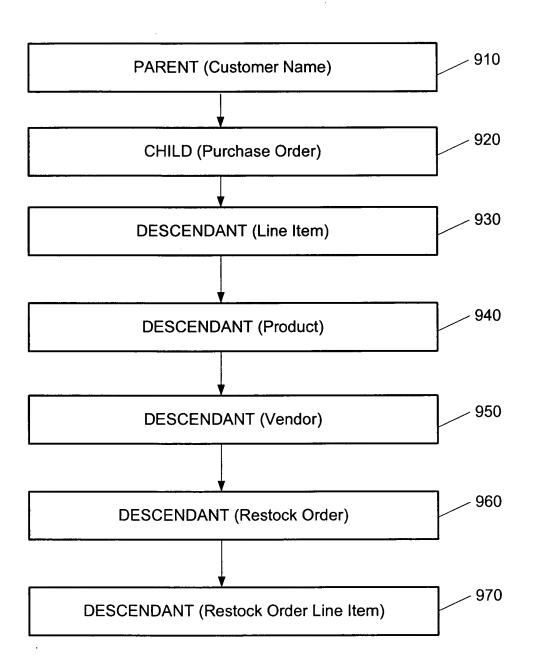
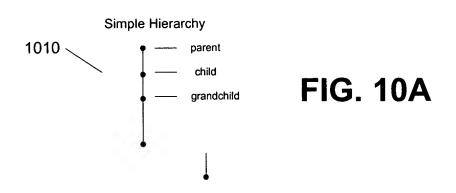
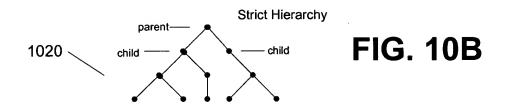
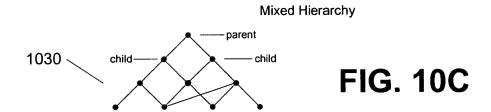


FIG. 9







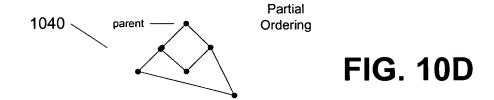
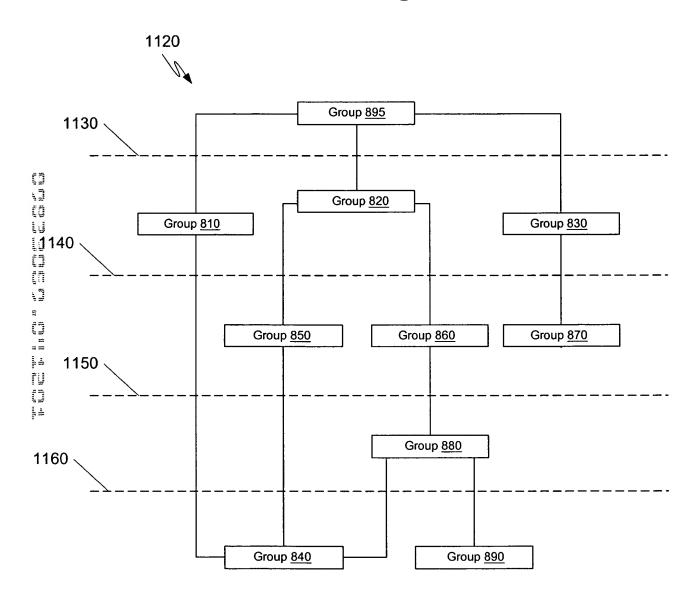
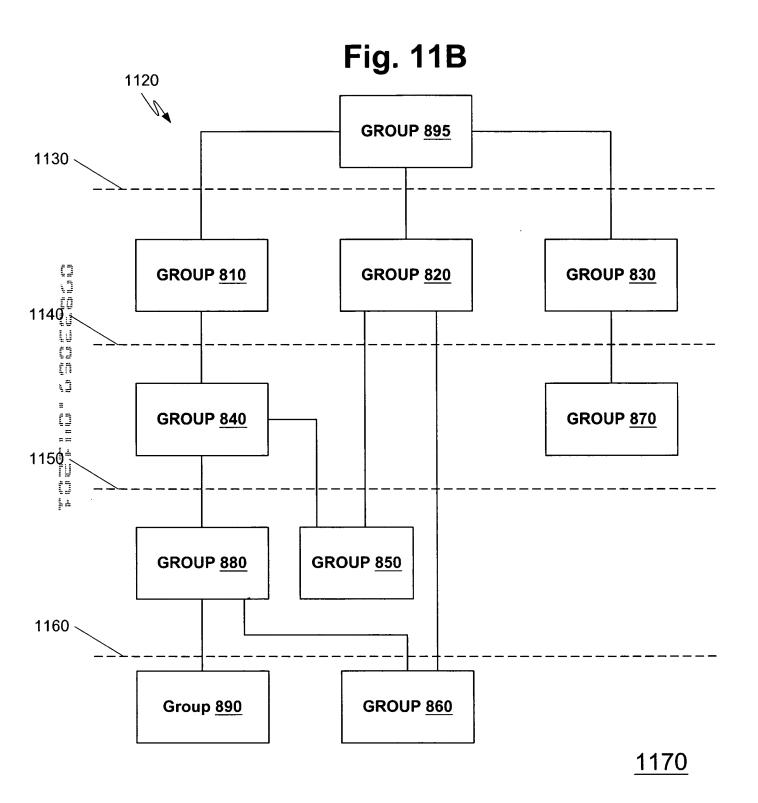
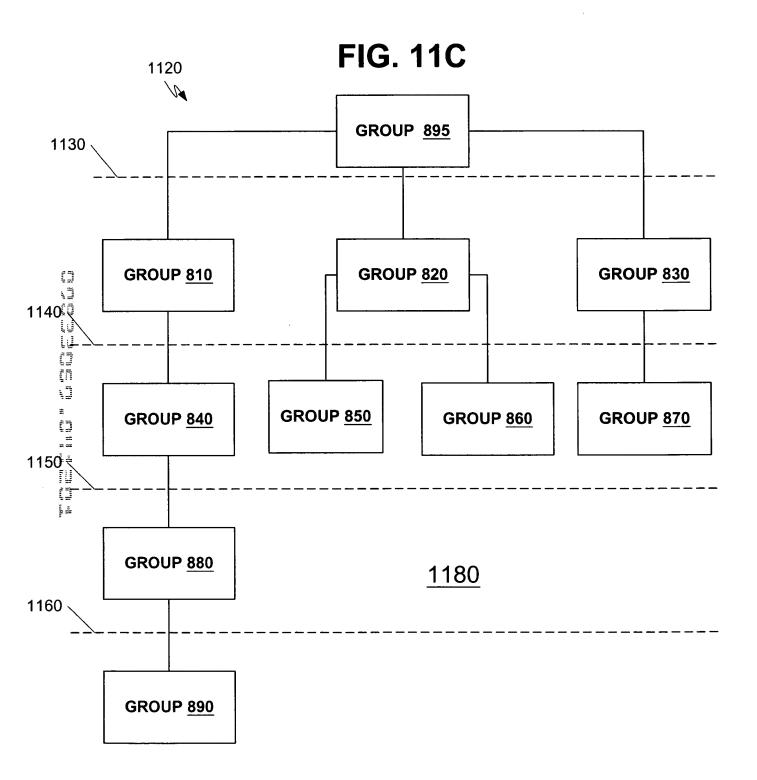


Fig.11A







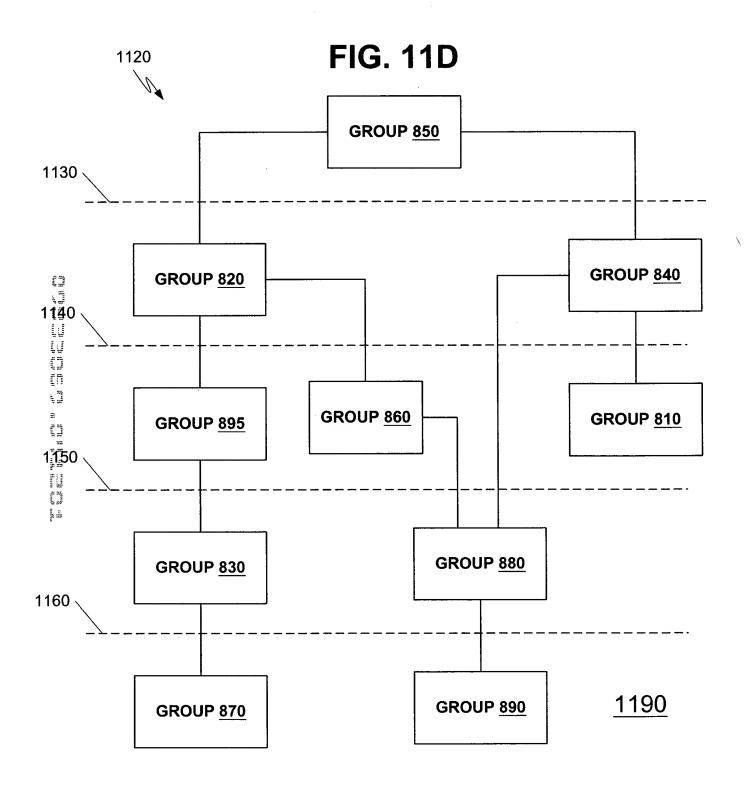
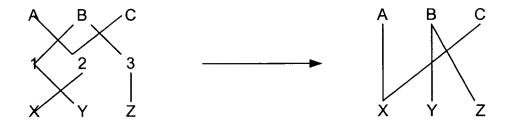


Fig. 12



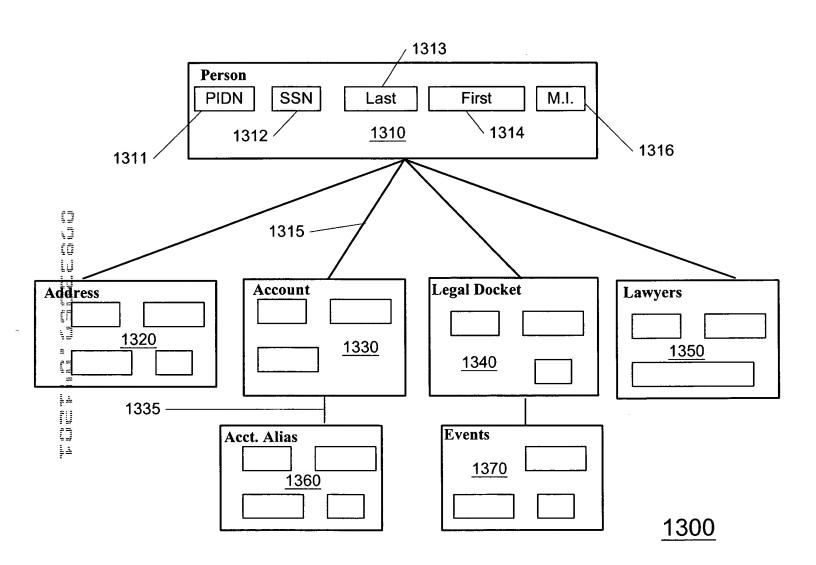


Fig. 13

FIG. 14

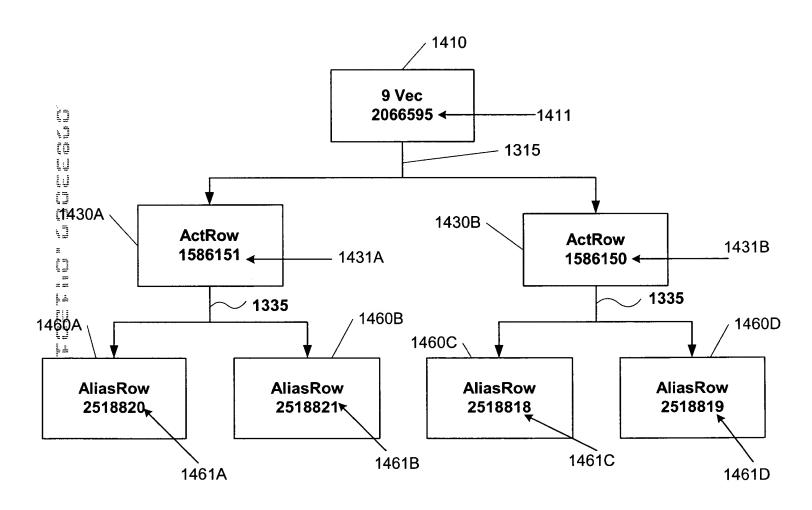
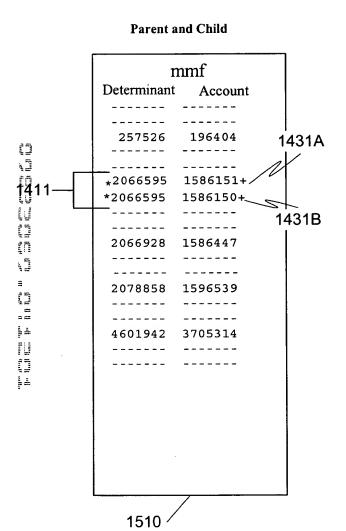


FIG. 15



Child and Parent

mmr			
Account	Determinant		
196404	257526		
			
+1586150			
+1586151	2066595*		
	-		
1506445			
	2066928		
			
1506530	2078858		
1390339	2070030		
3705314	4601942		
	\ .===		
	\ 1520		

1315

FIG. 16

Child and Grandchild

mmf AcctAlias Account 196404 285102 1461C 1461D 1461A 2518819x/ +1586150 1461B 1431A 1586447 2519309 2519308 1586447 Ţ 1596539 that the object that 3705314 6050449 3705314 6050450 į. 1610 /

Grandchild and Child

mmr			
AccAlias	Account		
	196404		
x2518818	15061504		
x2518819			
x2518820			
x2518821			
2519308	1586447		
2519309	1586447		
2535037			
6050449			
6050450			
	1000		
	[∖] 1620		

1335

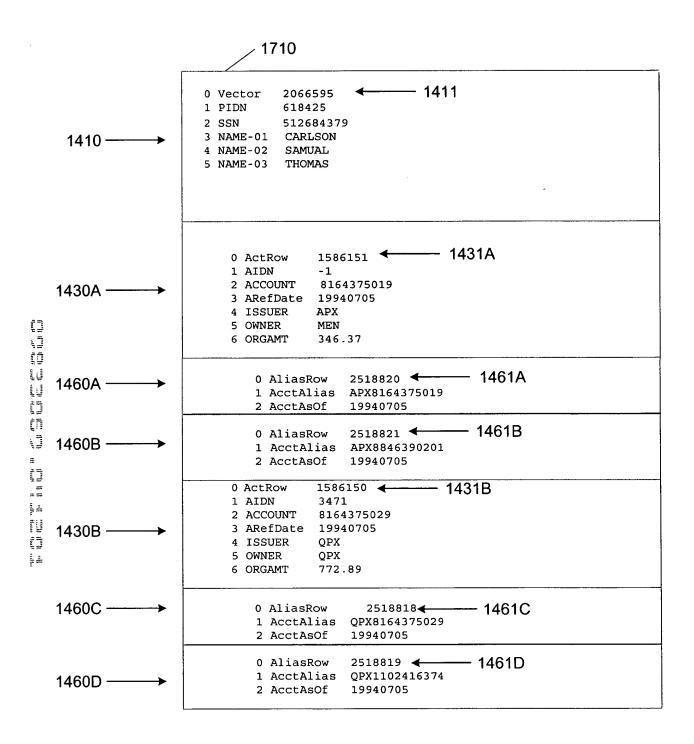


FIG. 17

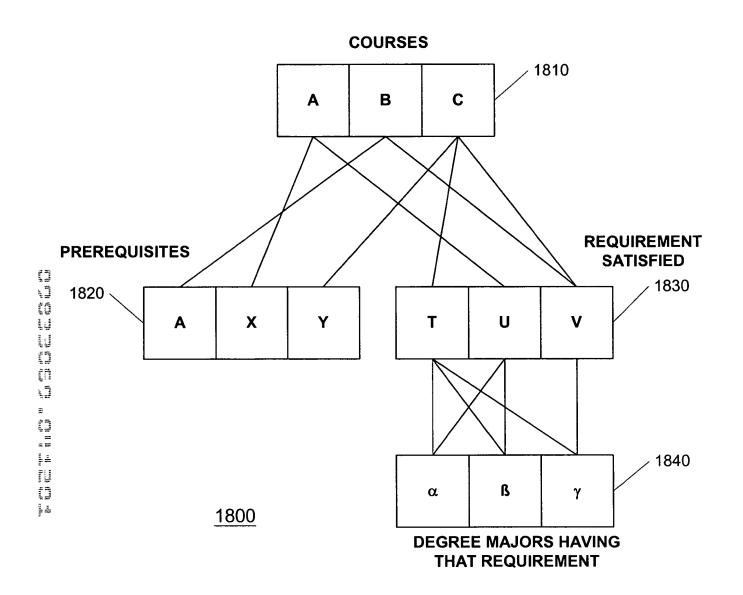


FIG. 18

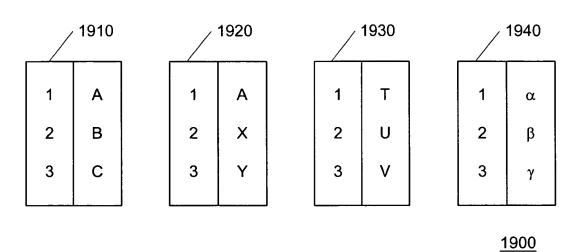


FIG. 19

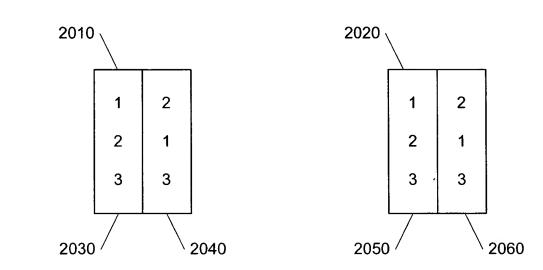


FIG. 20A

FIG. 20B

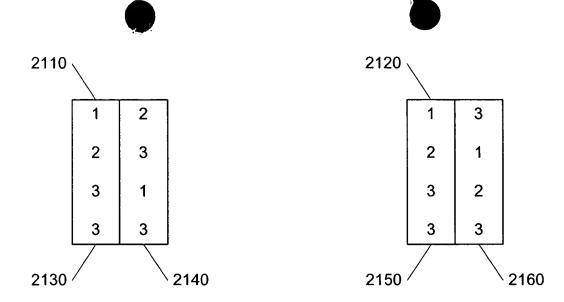


FIG. 21A

FIG. 21B

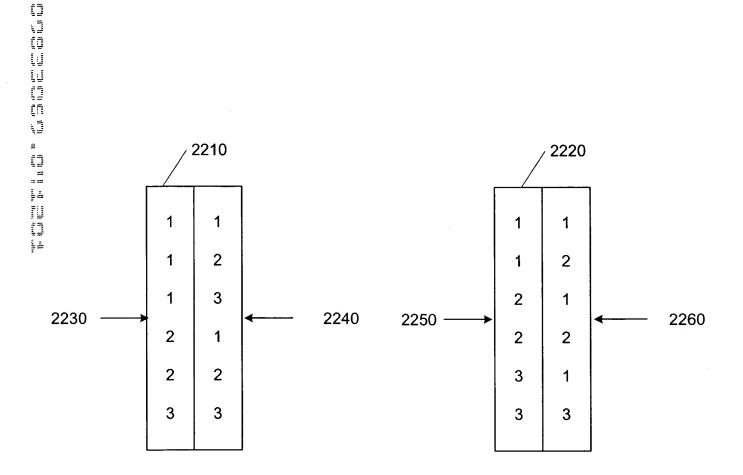
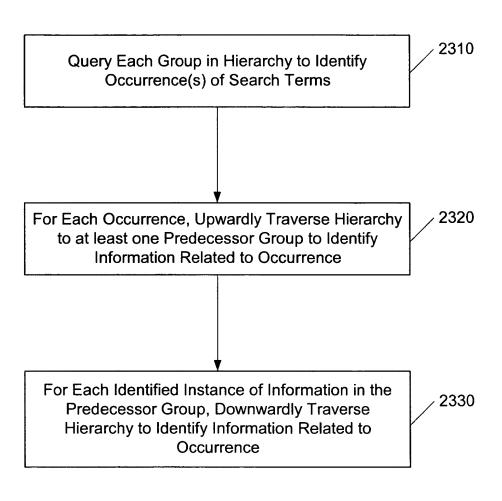


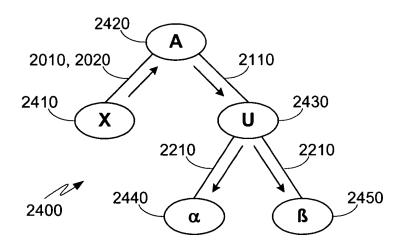
FIG. 22A

FIG. 22B



2300

FIG. 23



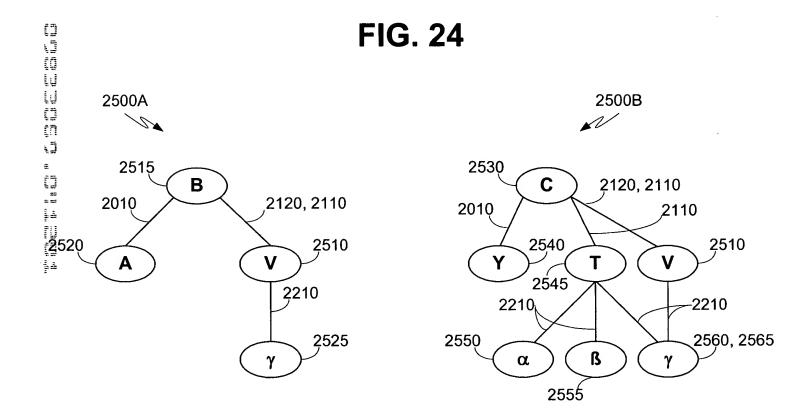


FIG. 25